



“The New Solutions in Agriculture”



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At our production facility, we produce more than 50 types of specific fertilizers in different groups according to your requirements with our 25 - year experience. In this developing and changing agriculture sector; our dynamic, experienced and constantly self - renewing company has become a huge brand by coming to the fore through the quality of the products that it produces and the knowledge and experience it possesses.



The New Solutions in Agriculture

We have brought a good deal of authentic and quality products into the agriculture sector since the day that we were established by realising useful productions for our country, our land and our people. 25 years that passed by communing with agriculture charged a responsibility on us to bring a new viewpoint to agriculture; authentic and various solutions to production and an advance dimension to the sector. Our modern production facility enables to carry out this responsibility with the guarantee of Growway quality product, our experienced technical team and our common web of quality service and sale.

Our technical team who works under the roof of Growway and who is expert in their field; and our AR-GE department who act with a constant renewal and development philosophy provide the absolute success of our products and they make this success permanent. Our Growway patented products which is able to provide solutions for agricultural production throughout different regions of our country in different types of lands and climate conditions have adopted by our franchises and producers, and they have been accepted as an indispensable factor of the production.

The principles that Growway could not make any concessions are quality and renovation. In line with these principles we are happy to provide service for our country and the world with our modern facility, experienced technical team, institutional structure, wide sale web and our motto "the new solutions in agriculture".



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GROWWAY OFFERS SOLUTIONS

GROWWAY's winning answer to the demand of the market for innovative and effective solutions in the field modern sustainable agriculture. Originating from vegetal sources, Specialties ensure the intake of several biologically active ingredients (natural phytohormones, sugars, amino acids, fulvic acids, polyphenols, terpenes, etc) whose synergic action stimulates plant metabolism with a simultaneous nourishing and strengthening effect. Specialties assure high yield standards with full respect for the environment.



BIOSTIMULANTS



GROWWAY

"The new solutions"

PROWAY 312 - PROWAY 239

PROWAY GLOBAL

POLYWAY

ALGAWAY

AMINOX

PROWAY 312

Total Nitrogen	(N)	% 27
Ammoniacal Nitrogen	(N)	% 2
Nitric Nitrogen	(N)	% 5
Ureic Nitrogen(low biuret)	(N)	% 20
Water Soluble Phosphorus Pentoxide	(P ₂ O ₅)	% 9
Water Soluble Potassium Oxide	(K ₂ O)	% 18
Water Soluble Boron	(B)	% 0,05
Water Soluble Manganese	(Mn)	% 0,1
Water Soluble Zinc	(Zn)	% 0,1

PROWAY 239

Total Nitrogen	(N)	% 10
Ammoniacal Nitrogen	(N)	% 1
Nitric Nitrogen	(N)	% 9
Water Soluble Phosphorus Pentoxide	(P ₂ O ₅)	% 15
Water Soluble Potassium Oxide	(K ₂ O)	% 45



PROWAY 312 is a specific product which is prepared in order to protect the plant against all types of stress, to remove the reasons of the stress, to accelerate the development of the plant(vegetative-generative).It accelerates the growing process of the plants to which it is applied. Thus, it enables the plant to get rid of the stress easily. Its effects on plants change according to the dosage and NPK content. When it is applied in lower dose, the vegetative development of the plant accelerates; when applied in higher dose, the generative development of the plant accelerates. Further, if used in normal dose, it encourages both vegetative and generative developments of the plant. It especially enables flower sprouts to grow quickly and to bloom at the same time. It also enables flowers to pollinate in an easier way. Moreover, it prevents fruit falls. In a newgrowing fruit,it affects the growing speed of the fruit by increasing its growing rate. If Proway is applied through dripping irrigation,it accelerates not only the formation of the new roots in the plant, but encourages the new formation of the roots as well. In the places where salinisation level is high, on clayey and hydrophilic soils, and in the places where black mulching is carried out; roots either develop superficially or choking and death occur in the roots. Now,Proway 312 prevents superficial developments of roots and encourages the development of the root towards deeper layers.

APPLICATION METHODS AND DOSAGE:

Citrus Trees: 100gr–150gr/ 100 lt as of the start of the offshoot movement.

Maze: 100gr–150gr during 6–8 leafed period.

Cotton: 100gr – 150gr during the period of scalloping.

Other field plants and vegetables: 100gr – 150gr to accelerate vegetation during the development period. (Consult our technical team of our company before using)

Miscibility: It is miscible with all types of fertilizers and drugs. However; a pre-miscibility test in tiny amounts is advised to carry out before each use of the product.

PACKING: 1 kg, 3 kg, 5 kg, 25 kg.

PROWAY 239 ADVANTAGES AND NUTRITIONAL TARGETS

- Optimal blossoming
- Improves fruit setting even in adverse environmental conditions
- Increases fruit size
- Improves the quality of the product (sugar content, colour, consistency, shelf life, ...)

APPLICATION METHODS AND DOSAGE:

Soft, woody and bushy cuttings of ornamental and fruits plants: Dip the root system of plants to be transplanted and spray leaves just after transplanting with a solution of 1 g in 5 lt of water or pesticide mixture. Repeat application 4-5 times on a weekly basis. In this way the post-transplanting crisis will be avoided.

Fruit trees in general: From fruit swelling to fruit colouring, repeating applications as needed, at a dosage of.....1,5-2 kg/ha

Vegetable crops(tomato,sweet pepper,squash, strawberry, eggplant, spinach, asparagus, artichoke, chicory): At fruit setting, fruit swelling fruit colouring and under particularly stressful conditions, by foliar application at a dosage of 0,5-1 kg/ha

Pear, apple: From pre-blossoming ("mouse ears", i.e. half-inch green) to fruit setting, 2 foliar applications at a dosage of.....1,5-2 kg/ha

Peach and olive: From fruit setting to harvest, 3-4 applications at a dosage of.....1,5-2 kg/ha



PROWAY GLOBAL

Total Nitrogen	(N)	% 19
Ammoniacal Nitrogen	(N)	% 6
Nitric Nitrogen	(N)	% 2
Ureic Nitrogen(low biuret)	(N)	% 11
Water Soluble Phosphorus Pentoxide	(P ₂ O ₅)	% 34
Water Soluble Potassium Oxide	(K ₂ O)	% 6



PROWAY GLOBAL is a special mixture which compounds of vitamins mainly NP as NPK, proteins and enzymes. It is a product that is used to increase the flower formation, to accelerate blooming, to encourage pollination, to accelerate the growth of the pollinated fruits especially towards the flower tip, to enlarge the general calibre of the plant (lateral growth). It is used for the easy growth of the plant green parts of which are consumed. Proway Global is easily received and carried by plants. It encourages secreting of the necessary nutriment, hormones and enzymes for flower pollination and fruit by showing its first effects on the vegetative part of the plant. When these functions are realised, the requirements of the plant are provided by Proway Global at the same time. Thus, the development of the plant accelerates without exposing any stress.

It's function changes according to the type of the plant and the application method. Especially for the plants which pollination acquires special quality, it encourages blossoming in large numbers and high quality, speed of the pollination, growth of the plenty of fruits which are pollinated when applied either preblossoming or blossoming period according to the type of the plant. It accelerates the growth of the strawberry pedicle, blossoming and pollination. In vineyards, it enables increase of the growth and length of the bunch and the fruit.

APPLICATION METHODS AND DOSAGE:

Citrus Trees: 100gr – 150gr /100lt during the blossoming period and after the June fall.

Apple, Pear: Apply 3 - 4 times as of the start of the blossoming, 150 gr – 200 gr/100 lt

Vineyard: Apply twice during the period of blossom and sour grape

Aubergine, Cucumber and Pumpkin: Apply 4 - 5 times in the amount of 150 gr – 200 gr/100 lt as of the periods of the start of the blossom, fruit set and fruit growth.

Tomatoes: 150 gr – 200 gr/100 lt during the blossoming and fruit growth periods.

Strawberry: 150 gr – 200 gr/100 lt when flower stems begin to grow and just before the blossoming period.

Spinach and Lettuce: Apply once or twice in the amount of 250 gr/decare during the 3-4 leafed periods in which cold stress exists.

Miscibility: It could be mixed with all types of agricultural drugs and fertilizers apart from the ones which show reaction to copper, sulphur and alkaline. However, a pre-miscibility test in tiny amounts is advised to carry out before applying.

Packages: 1 kg, 3 kg, 5 kg, 25 kg



POLYWAY

Total Nitrogen	(N)	% 9
Nitric Nitrogen	(N)	% 2
Ammoniacal Nitrogen	(N)	% 2,5
Ureic Nitrogen	(N)	% 4,5
Water Soluble Phosphorus Pentoxide	(P ₂ O ₅)	% 11
Water Soluble Potassium Oxide	(K ₂ O)	% 5
pH		6 - 8
Density		1,24



Polyway, is especially, controls the evolution of flower, pollen, fruit and core growing parts and fastly penetrates and makes positive effect to the connection system of plants. Generally, in plants, because of environmental conditions, in the periods of; flowering, fertilization, and root growing, stress conditions may occur. These stresses, has negative effect on plants's vital functions like enzymes and homones. Polyway, accelerates and makes more effective, these enzymes and hormones, making enough functioning and and helping quick response, healty flowering and fruit development. Especially can be used in fragile fruit attitude like,Cherry,Citrus,Olives. Polyway, suppresses the sorting, in the maximized periods of vegetation,and when used in plants, forwards the development to generative parts. Polyway, when used is dripping, increases the new root production, and roots effects.

APPLICATION FORMS AND DOSAGES:

According to plants needs, can be used in all plants, apply from leaves, 150cc-200cc/100lt. When used by Dripping,150cc-200cc/Decares

MISCIBILITY:Except for, Copper, Sulfur and alkaline reaction causing minerals, can be mixed with all Agri-Medicine and fertilizers. But it is advised that,before application,you can try pre mixing tests with small dosages.

PACKING: 1lt, 5 lt.



ALGAWAY

Total Nitrogen	(N)	% 13
Ammoniacal Nitrogen	(N)	% 2.0
Organic Nitrogen	(N)	% 1,1
Organic Carbon	(C)	% 8,5
Nitric Nitrogen	(N)	% 6,1
Water Soluble Phosphorus Pentaoxide	(P ₂ O ₅)	% 8
Water Soluble Potassium Oxide	(K ₂ O)	% 21
Water Soluble Magnesium Oxide	(MgO)	% 2
EDTA Chelated Copper	(Cu)	% 0,08
EDDHA-EDTA Chelated Iron	(Fe)	% 0,2
EDTA Chelated Manganese	(Mn)	% 0,1
EDTA Chelated Zinc	(Zn)	% 0,01
Stable pH range for chelates		4 - 10

ALGAWAY is a low molecule weighted special product which is exclusively developed for use through the leaves. It contains mineral NPK, magnesium, trace element, fulvic acid on the base of atomised amino acid and peptides and special sea lichens. Algaway contains %7 organic nitrogen and %20 nitrogen in total. It does not contain any of the heavy metals. Algaway possesses a high speed of solvability. It is received so easily and quickly through the leaves.

Imbalance and deficiency of nutrition which affect the development of the plant especially during the blossoming and fruit periods; adverse weather and soil conditions; lead to blossoming and decrease in productivity and quality. Algaway not only protects plants against these adverse conditions but accelerates their biological and physiological development as well.



Algaway, when applied during the period of seedling, accelerates photosynthesis and provides necessary raw substance. As a result of this; development of the leaf, flower, fruit and root of the plant accelerates. These developed parts of the plant become more resistant against environmental factors at the same time. It enables pollination organs to become more active and healthier when the flowers are formed. In this way, the chance of pollination and formation speed of the pollinated fruits increase. When it is applied during the early times of the fruit, after pollination, it accelerates development of the fruit directly as it is highly quickly received to the structure of the plant. This period is the time that the colour and quality of fruits are determined. Consequently, there will not be any problems relating to the colour of the fruits in the future due to the facts that Algaway nourishes fruits directly; it enables colour pigment to become appropriate; it , increases the resistance of the plant against external factors. Moreover, there will not be any problems concerning the quality of the

APPLICATION METHODS AND DOSAGE:

Citrus Trees: 2 or 3 times in the amount of 200 - 250 gr/100lt at intervals of 10 tens after June fall.

Stone Fruits, Apple and Pear: 2 or 3 times in the amount of 200 - 250 gr/100lt during the fruit development period.

Vineyards: 2 or 3 times in the amount of 200 – 250 gr/100lt as of the sour grape period until the harvest.

Wheat and Soy Bean: 100 – 150 gr/ 100lt during the formation of spike and broad beans.

fruit as it helps fruit to grow quickly and it provides necessary nutriment for hormonal balance. When Algaway is applied to the roots through the soil, it affects the biological, chemical and physiological structure of the soil. Even if the roots are so few in numbers or so tiny, it immediately begins to receive the nutriment as soon as it is interacted with soil. Thus, the development and function of the plant increase. Consequently secretion of hormones increase after the receipt of the water and food through the soil accelerates. Thanks to these factors Algaway provides healthy development of the plant and its roots even in very cold periods. The special quality lichens contain cytokine (zeatin). Cytokines accelerate the division of the cells; regulate nucleic acids, prevent the formation of the offshoot tips, they encourage side branching. It also alert buds; increase sprouting; ease the transmission of the nutriment; they delay aging and fall of the leaves. It is applied 3 or 4 times in the amount of 250gr /100 lt as of the planting until the harvest.

Peanuts, Potatoes: 2 or 3 times 200 - 250gr/100 lt during the tuber period for potatoes and stuffing period for peanuts.

Tomatoes, Pepper, Aubergine, Melon, Watermelon: 2 or 3 times in the amount of 200 - 250 gr/100lt as of the constitution of the fruit until the harvest.

Miscibility: It could be mixed with all types of agricultural drugs and fertilizers apart from the ones which show reaction to copper, sulphur and alkaline. However, a pre-miscibility test in tiny amounts is advised to carry out before applying.

Packages: 1kg, 3 kg, 5 kg, 25 kg.



AMINOX

Organic substance		% 40
Organic Carbon of Biological Origin	(C)	% 15
Organic Nitrogen	(N)	% 7
Free Amino Acid		% 10
pH		5 - 7
Density		1,26 Kg/Lt



AMINOX is a low molecule weighted special product which is exclusively developed for use through the leaves. It contains amino acid and peptide based organic nitrogen and seaweeds. Aminox contains %7 organic nitrogen, % 15 organic carbons, and %40 organic substances. It does not contain any heavy metals. Aminox has a high level of solvability; thus, it is easily received from the soil. Aminox is suitable for organic agriculture. Aminox contains a high level of cytokine (zeatin). Cytokines accelerate the division of the cells; regulate nucleic acids, prevent the formation of the offshoot tips, encourage side branching. They also alert buds; increase sprouting; ease the transmission of the nutriment; delay aging and fall of the leaves. Aminox is a unique source of energy for all types of plants. It mixes nutriment and carries them to the structure of the plant. It encourages growth of the cells and plants under the conditions where environmental and climatic stress exists. It protects plant against stress. It also encourages the growth of the flowers, pollination and development of fruits by keeping the vegetative development of the plant under control. It carries fertilizer to the plant when applied together. It provides increase of productivity. It is used in organic agriculture.

APPLICATION METHODS AND DOSAGE:

Citrus Trees: Apply once in the amount of 100 - 150 cc./100 lt during the flower and petal leaves period and after June fall.

Apple and Pear: Apply 3 or 4 times in the amount of 300 cc./100 lt as of the blossoming period until the fruit grows.

Stone fruits: Apply 4 or 5 times in the amount of 250 cc./100 lt as of the pollination until the change of colour.

Vineyards: Apply 4 or 5 times in the amount of 350cc./100 lt as of the formation of grape bunches until the change of colour.

Tomatoes, Pepper, Aubergine, Melon, Watermelon: Apply 2 or 3 times in the amount of 300cc./100lt as of the blossoming period until the change of colour.

Leafed vegetables, Ornamental plants, Flowers: Apply 2 or 3 times in the amount of 250 cc/100lt as of the planting until the harvest.

Miscibility: It could be mixed with all types of agricultural drugs and fertilizers apart from the ones which show reaction to copper, sulphur and alkaline. However, a pre-miscibility test in tiny amounts is advised to carry out before applying.

Packages: 1 lt, 5 lt



GROWWAY OFFERS SOLUTIONS

GROWWAY offers the best solution for plant nutrition by producing special fertilisers for advanced agricultural fruit crops, horticultural crops, ornamental and field crops. We can provide affiliated retailers with different after sale services and targeted technical service for the end users.



SPECIAL



GROWWAY

"The new solutions"

PHOSWAY SERIALS

PROWAY Cu FOLIAR - PROWAY Cu

VOLANS

SUN BLOCKER

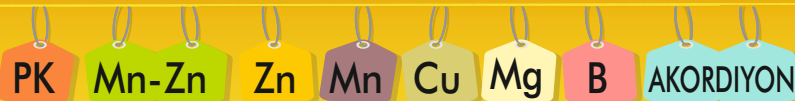
NUTRIGROW PZn

PHOSWAY SERIALS		NITROGEN		P ₂ O ₅	K ₂ O	MgO	Cu	B	Mn	Zn	pH %5'lik Solisyonda	Density Kg/Lt
	Nitrate	Ammonia	Urea									
Phosway PK				35	23						4 - 5	1,49
Phosway Mn-Zn			3	30					5	5	1 - 2	1,41
Phosway Zn			3	33						10	1 - 1,5	1,42
Phosway Mn			3	30					7		1 - 1,5	1,36
Phosway Cu		11		22			4				7 - 7,5	1,32
Phosway B		1,3	1,7	20				3			6,5 - 7	1,43
Phosway Mg			3	27		7					1,5 - 2	1,33
Akordiyon				52	32						4 - 4,5	

	NITROGEN			P ₂ O ₅	K ₂ O	MgO	Cu	B	Mn	Zn	pH %5'lik Solisyonda	Density
	Nitrate	Ammonia	Urea									
Akordiyon				52	32						4 - 4,5	

Trace elements chelate with EDTA.Urea source is low biuret.

PHOSWAY SERIALS



The series of **Phosway** has been developed in order to meet the nutrition requirement of various plants. The main feature of this group of product is the fact that it contains phosphor which could be received from cell membranes, leaves and roots in an easy and fast way and which quickly spreads through the system of the plant. An increase in productivity has been aimed in this way in result of a better development, a better blossoming and a better pollination period by providing an efficient nutrition balance in the structure of the plant. Phosway has an expanding effect on conducting tissues. Thus, the conduction of the nutriment are realised in a more efficient way.

Phosway is a liquid leaf fertilizer which contains nitrogen, phosphor, potassium and micro elements. In different cultures, it can also be used in the development, blossom, fruit setting and ripening periods. As it contains phosphor, potassium and trace elements, it helps side organs of the plant such as fruit, seed and root to grow. It increases the quality of the product (colour, taste, smell, endurance) as the quantity of starch, fat and sucrose enhances. Phosway serves for two purposes in the system of the plant. When it is applied either from the root or the upside of the plant, it is received and carried very quickly by the plant. At the same time, it accelerates the receipt of the other nutriment from the soil. Phosway enables this by expanding conducting tissues and accelerating electrons (water and nutrition) conduction. In this way, plants can receive other nutriment more easily. The photosynthesis process is realised in a more quickly and health way. As a result of this, the formation and development of leaves, flowers, fruits and roots accelerate.

When **Phosway** is received into the system of the plant, it triggers its defending system and increases its resistant against diseases. It is highly significant that in addition to the fact that Phosway contains phosphate ions and it gives phosphor to the mixture, it acts as a fungicide against fungal diseases such as Phytophthora, Bremia and

Peronospora. Further, Phosway is a very good source of phosphor. It increases the probability of pollination when it is applied before and during the blossom period by enabling flowers to blossom in a more healthy way. As result; Phosway has an effect to enliven the plant and to increase productivity and quality.

APPLICATION METHODS AND DOSAGE:

It is applied by spraying through the leaf in the amount of 200cc. – 350cc. for 100 litres of water or 1 – 1,5 litres for one decare with dripping irrigation method for all types of plants. A 0.25% solution is prepared during the root dip deviation process and the roots are dipped (Please, consult our company before applying.)

Fruit Trees: A %6 solution is prepared and applied by brushing on the body of the plant, by spraying on leaves or releasing water.

Citrus Trees: A %6 solution is prepared twice in spring, once in autumn and applied by brushing on the body of the plant.

Strawberry: It is applied in the periods of planting, vegetative development, fruit and growing periods either through the leaves or dripping irrigation. The roots can be dipped if necessary.

Watermelon, melon, tomatoes, lettuce, aubergine, pepper: It can be applied during the pre - blossom and fruit growth period.

Potatoes: It should be applied twice in a fortnight as of the 5-leafed period.

Vineyards: It could be applied as of the grapes bunch period until the colour change 3 or 4 times.

Miscibility: It could be mixed with all types of agricultural drugs and fertilizers apart from the ones which show reaction to copper, sulphur and alkaline. However a premiscibility test in tiny amounts is advised to carry out before applying.

Packages: 1 lt, 5 lt, 10 lt, 20 lt



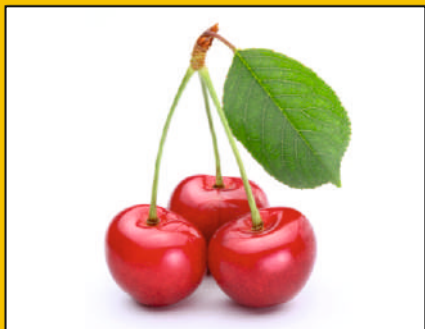
PROWAY Cu FOLIAR

w / w

Water Soluble Copper (Cu)
Density % 3
1,25

PROWAY Cu

Water Soluble Copper (Cu)
Density % 6,5
1,35



PROWAY Cu FOLIAR

Proway Cu is liquid organically chelated copper which can be applied for all types of soil under any conditions. It could be received easily and completely by the leaves and roots of the plant. Apart from the other benefits of the Proway Cu for plants, it has two purposes of use: to make plant resistant against diseases and to accelerate the photosynthesis. When Proway Cu is used especially against bacterial and fungus diseases, it is received and carried very quickly through leaves and roots. It takes its systemic effects on each part that it is applied. While Proway Cu protects the plant against diseases, it also provides the copper requirement of the plant. Copper encourages the formation of the chlorophyll and accelerates the photosynthesis process. Copper deficiency leads to slow down of photosynthesis activity and due to this reason all physiological elements are affected adversely.

APPLICATION METHODS AND DOSAGE:

Proway Cu (applied through dripping irrigation or releasing water)

All Vegetables: 1 – 1,5 lt /decare

Fruit Trees: 100cc. – 150cc. /100 lt for each tree.

Miscibility: It could be mixed with all types of agricultural drugs and fertilizers received through the soil. However, a pre-miscibility test in tiny amounts is advised to carry out before applying.

Proway Cu Foliar (applied through the leaves)

Tomatoes, Potatoes, Pepper, Aubergine, Pumpkin, Cucumber,

Bean: 100 cc./100 lt. during the beginning period and 150 cc/100 lt during the fruit period.

Citrus Trees, Vineyards and Olives: 200 cc.-250 cc. /100lt during the vegetative development period.

Apple, Pear and Cherry: 100 cc.-150 cc/100lt as of the harvest until the fall of the leaves.

Peach, Apricot and Plum: 150 cc./100 after the pollination through the leaves according to the requirement, 250 cc. /100 lt after the harvest through the leaves.

Leafed vegetables: Apply 2 – 3 times in the amount of 80 cc. – 100 cc. /100lt after planting if necessary.

Miscibility: We advise product to be used on its own and if used with a mixture please consult our company.

Packages: 1 lt, 5 lt, 10 lt, 20 lt.



VOLANS

Water Soluble Boron	(B)	% 5
Water Soluble Zinc	(Zn)	% 5
pH		7 - 9
Density		1,35



VOLANS

VOLANS is a glycine betaine activator and ethanolamine based product which is specially developed for the fruit trees. Thanks to additional formulants, nutritious trace elements are received thoroughly by the plant. It nurtures fruit buds during the autumn after the harvest and it enables organs of the flowers to develop well. It also provides a more quality blossoming and a perfect pollination period.

APPLICATION METHODS AND DOSAGE:

Fruit Trees (Apple, Pear, Cherry, Apricot and Peach) and Vineyards: It is applied 2 or 3 times in the amount of 200cc.-250cc in 100lt water after

the harvest period as of the start of the fall of the leaves until the end. Further, it is applied in the amount of 200cc in 100lt water against the deficiency of zinc and boron for all types of plants.

Miscibility: It could be mixed with all types of agricultural drugs and fertilizers apart from the ones which show reaction to copper, sulphur and alkaline. However, a pre-miscibility test in tiny amounts is advised to carry out before applying.

Packages: 1 lt, 5lt, 10 lt, 20 lt.



SUN BLOCKER

Water Soluble Boron	(B)	% 4
Water Soluble Manganese	(Mn)	% 0,5
Water Soluble Zinc	(Zn)	% 0,5
Coformulants		
pH of 0,25% Solution		6 - 7



SUN BLOCKER

SUN BLOCKER is a formulation based on kaolin, Boron, Manganese and Zinc with a cosmetic action specific for apples. Thanks to its high kaolin content, which reflects solar rays, SUN BLOCKER improves the aspect of productions, prevents fruits rust and burnings and improve brightness of hepidermis. SUN BLOCKER has a strong nutritional action due to the high content of Boron, Manganese and Zinc.

Product with cosmetic action based on kaolin and microelements.

- Prevents fruits rust
- Improves fruits aspect
- Prevents burns

APPLICATION FORMS AND DOSAGES:

Citrus, Pomegranate: It is applied in 500gr/ 100Lt dose with 10-15 days in July and August, when the temperature is high.

Apple, Pear: During periods when the humidity is high in July and August when the temperature is high, it is recommended to take 7-10 days at 500gr / 100Lt dose

Packages: 2,5 kg. , 5 kg.



NUTRIGROW PZn

Total Nitrogen	(N)	% 3
Nitric Nitrogen	(N)	% 1,6
Ammoniacal Nitrogen	(N)	% 1,4
Water Soluble Phosphorus Pentaoxide	(P ₂ O ₅)	% 30
Water Soluble Zinc	(Zn)	% 7
pH		1,5
Density		0,2 - 1



NUTRIGROW PZn

Nutrigrow PZn, is enriched by Nitric Acid, and a product that, obtained by synthesis process in acidic environment, based on Zinc-Ammonium Phosphate. Especially, in early period, in cold and limy soils, meets the need of Zinc and Phosphorus of plants, and gives the best solutions for your products. Supports the germination of seeds, and root growing, develops the plant by this way. And also, provides the necessary energy for the biochemical activity within the plant. Acts as catalyst, in the synthesis of a kind of Amino Acid, Zinc - tryptophan, by the help of this process; regulates the growth as a natural oxime. Accelerates the growth of excels, also helps the healthy and regular flowering.

APPLICATION FORMS AND DOSAGES:

In all plants, after planting or vegetative development starting, up to end of fruit attitude, 2,5 lt-5 lt / decares. According to analysis results, if there is a lack in soil or plant, 2,5 lt-5 lt/decares can be applied.

Packages: 1 lt, 5 lt, 10 lt, 20 lt



GROWWAY OFFERS SOLUTIONS

Amino acids and low and medium molecular weight peptides are essential ingredients of proteins, enzymes (activators of all metabolic processes), tissues and vegetative and reproductive plant organs. These important organic substances that are needed to “build” the plant and activate its metabolic process, can be found in hydrolysed animal epithelium, in suspended liquid hydrolysed protein, in blood (haemoglobin, iron enriched protein) and in the hydrolysed protein substances deriving from organic matter with vegetal origins. Seaweed extracts derive from variously sourced marine algae, rich in amino acids, vitamins, mineral elements and naturally grown substances such as auxins, cytokines and gibberellins.



ORGANIC PRODUCTS



GROWWAY

"The new solutions"

BIO WAY PLUS

WAY UP

RENAT

BIOWAY PLUS

w / w

Organic substance		% 40
Organic Carbon of Biological Origin	(C)	% 12
Organic Nitrogen	(N)	% 7
Free Amino Acid		% 12
pH		6 - 8
Density		1,2 Kg/Lt



BIO WAY PLUS

BIO WAY PLUS is a low molecule weighted special product which is exclusively developed for use through the leaves and dripping irrigation. It contains amino acid and peptide based organic nitrogen. Bio Way Plus contains 7% organic nitrogen, 40% organic matter, 18% organic nitrogen, 12% free amino acid. It does not contain any heavy metals.

Bio Way Plus has a high level of solvability; thus, it is easily received from the soil. It is a unique source of energy for all types of plants. It removes the effects of the stress under all environmental, climatic and physiological stress conditions when applied through the leaves. It activates the microflora of earth. It encourages rooting. It removes salinity of soil when used regularly. It helps plants to receive the nutriment and elements in which it has difficulty due to the adverse conditions of the soil. It protects the plant against stress stemming from adverse weather conditions and deficiency of nutriment. It increases the carry of the fertilizers from the soil by enhancing its efficiency. It encourages vegetation. It is used in organic agriculture.

APPLICATION METHODS AND DOSAGE:

It is applied through dripping irrigation 2 or 3 times 1-2 lt /decare according to the position of the soil and the plant. It can be applied in all types of plants in the amount of 100 cc./ 150 cc/100 lt through the leaves against the adverse conditions occurred due to the stress condition.

Miscibility: It could be mixed with all types of agricultural drugs and fertilizers apart from the ones which show reaction to copper, sulphur and alkaline. However, a pre-miscibility test in tiny amounts is advised to carry out before applying.

Packages: 1lt, 5lt, 10lt, 20lt



WAY UP

w / w

Organic substance		% 35
Total Nitrogen	(N)	% 3
Organic Nitrogen	(N)	% 3
Organic Carbon		% 11
Water Soluble Potassium Oxide	(K ₂ O)	% 5
pH		5 - 7
Density		1,25



WAY UP

WAY UP is a low molecule weighted special product which is exclusively developed for dripping irrigation. It contains amino acid and peptide based organic nitrogen and seaweed. Way Up contains %3 organic nitrogen, %11 organic carbon and % 35 organic substances. It does not contain any heavy metals. Way Up has a high level of solvability; thus, it is easily received from the soil. It activates the microflora of soil. It encourages rooting. It removes salinity of soil when used regularly. It helps plants to receive the nutriment and elements in which it has difficulty due to the adverse conditions of the soil. It protects the plant against stress stemming from adverse weather conditions and deficiency of nutriment. It increases the

carry of the fertilizers from the soil by enhancing its efficiency. It encourages vegetation. It is used in organic agriculture.

APPLICATION METHODS AND DOSAGE:

It is applied through dripping irrigation 2 or 3 times 1-5 lt /decare according to the position of the position of the soil and the plant.

Miscibility: It could be mixed with all types of agricultural drugs and fertilizers apart from the ones which show reaction to copper, sulphur and alkaline. However, a pre-miscibility test in tiny amounts is advised to carry out before applying.

Packages: 1lt, 5lt, 10lt, 20lt



STROM

w / w

Organic substance		% 40
Total Nitrogen	(N)	% 3
Organic Nitrogen	(N)	% 3
Organic Carbon		% 11
Water Soluble Potassium Oxide	(K ₂ O)	% 6
pH		4 - 6
Density		1,24



STROM

STROM special plant activators developed specifically for drip irrigation, soil conditioners and organic nitrogen-containing peptides on the basis of a special product.

STROM contains 3 % organic nitrogen, 11% organic carbon and 40 % organic matter. It certainly does not contain heavy metals. STROM has a high resolution, so it can be easily taken by the roots. It is an indispensable source of energy for all plants. It activates micro flora in the ground. It encourages rooting.

Even if you use it regularly, the saltiness of the soil is removed. Adverse soil conditions of the plant nutrients and challenging due to receive the elements helps to get the plant body.

Protect the plant against stress from bad weather and insufficient nutrition. When combined with fertilizers, it increases fertilizer efficiency and increases transport from the soil. It encourages vegetation. It is used in organic farming.

APPLICATION METHOD AND DOSE

All plants in the plant with drip irrigation and 1-5 lt./dek path relative to the earth's position in the range of doses used.

Compatibility: Copper, sulfur and alkaline reaction products are known except showing miscible with all agrochemicals and fertilizers, it is recommended to make the premix test small doses prior to administration.

Packing: 1 lt. , 5 lt. , 10 lt. 20 lt



GROWWAY OFFERS SOLUTIONS

GROWWAY offers the best solution for plant nutrition by producing special fertilisers for advanced agricultural fruit crops, horticultural crops, ornamental and field crops. We can provide affiliated retailers with different after sale services and targeted technical service for the end users.



MICRO NUTRIENTS



GROWWAY

"The new solutions"

PROMIX - MICROLEX

CALWAY

CALWAY PLUS

BORICALL

BOROWAY - BOROWAY 17

BOROMOL

ZINWAY 10 - MANWAY 10

BOROLIVA

ASIST 3 - 5 - 55 + TE - ASIST 20 - 20 - 20 + TE

PROMIX

Total Nitrogen	(N)	% 16
Ammoniacal Nitrogen	(N)	% 1
Ureic Nitrogen(low biuret)	(N)	% 15
Water Soluble Phosphorus Pentoxide	(P ₂ O ₅)	% 5
Water Soluble Potassium Oxide	(K ₂ O)	% 5
Water Soluble Magnesium Oxide	(MgO)	% 3,5
Water Soluble Boron	(B)	% 0.2
Water Soluble Iron	(Fe)	% 2
Water Soluble Manganese	(Mn)	% 4
Water Soluble Zinc	(Zn)	% 4
Chelating Substance EDTA		

MICROLEX

Total Nitrogen	(N)	% 10
Ammoniacal Nitrogen	(N)	% 1
Nitric Nitrogen	(N)	% 1,5
Ureic Nitrogen(low biuret)	(N)	% 7,5
Water Soluble Phosphorus Pentoxide	(P ₂ O ₅)	% 5
Water Soluble Potassium Oxide	(K ₂ O)	% 5
Water Soluble Magnesium Oxide	(MgO)	% 3,5
Water Soluble Boron	(B)	% 0.1
Water Soluble Iron	(Fe)	% 3
Water Soluble Manganese	(Mn)	% 4
Water Soluble Zinc	(Zn)	% 6
Chelating Substance EDTA		



PROMIX-MICROLEX is an immediately effective trace element complex which quickly removes the deficiency of magnesium and trace elements in plants.

Thanks to the low biuret urea and magnesium in its compound, it provides necessary nutrition for the formation and development of the plant cells. The low biuret urea enables cell to grow. It provides magnesium which is one of the essential elements for the development of the chlorophyll. It also possesses manganese, zinc and iron which are among the necessary elements for a plant to secrete hormones and enzymes.

When applied through the leaves, **PROMIX - MICROLEX** is completely received and carried by the plant. If applied in normal dose, it does not create phototoxic effect. It can be applied under any conditions. It does not lead stains on the surface of the plant.

When applied through the soil, **PROMIX - MICROLEX** chelates other nutrients in soil so that they could be easily carried to the system of the plant.

APPLICATION METHODS AND DOSAGE:

Citrus Fruits, Fruit Trees, and Vineyards: It is applied in vegetative development period regularly as 200 - 400 gram for 100 litres water according to the status of the plant and the result of the leaf analysis. The dosage has been given as per 200 litres for a decare.

Garden and field plants : It is applied in the vegetative development period regularly as 200 - 250 gram for 100 litres water according to the status of the plant and the result of the leaf analysis.

Miscibility : These products are miscible with all types of fertilizers and drugs. However; a premiscibility test in tiny amounts is advised to carry out before each use of the product. Do not mix with alkaline and trifolin based products.

Packages: 1 kg, 3 kg, 5 kg, 25 kg.



CALWAY

w / w

Total Nitrogen	(N)	% 9
Nitric Nitrogen	(N)	% 9
Water Soluble Calcium Oxide	(CaO)	% 10
Water Soluble Magnesium Oxide	(MgO)	% 5
Water Soluble Molybdenum	(Mo)	% 0,005
pH		2 - 4
Density		1,45



CALWAY is a special mixture which contains calcium, magnesium, nitrate nitrogen, and molybdenum. It is received quickly and completely by plants. It could be carried in the system of the plant. Due to the nitrate nitrogen, the elements it contains are received to the system of the plant in a highly quick way both by leaves and roots; and they are carried through the plant quickly. When Calway is received by the plant, it serves as a serum and accelerates the conduction of the water and nutrients through the tissues. Consequently, the stress of the plant which is resulted by the deficiency of heat, water and nutrition falls to the minimum level.

Especially in the plants which are grown during hot periods; the direct effect of the heat or water and humid stress resulted from the calcium deficiency lead flowers and fruits to shed, fruit colours to bleach, the plant to fade in general, bunches to dry and fractures to occur. Moreover, the stresses stemming from direct irrigation, types of soil and high level of EC occur in the deficiency of calcium. Especially in glass green houses, bleaching stemming from humid deficiency and disequilibrium may occur in plants such as aubergines, tomatoes and cucumbers. Also, magnesium and calcium deficiency may occur due to the irrigation deficiency or other reasons. Calway provides brightness and enlivenment for the leaves and fruits of the plant. It increases the resistance against the diseases such as Botrytis sp and Sclerotinia Sp. and also increases the effect of the fungicides used in the fight against these diseases. When Calway is taken to the system of the plant, it accelerates the photosynthesis process indirectly and relaxes the plant. Calway increases the formation of nutrients and mobility of the plant by adjusting its pH. Calcium, Magnesium, Molybdenum are important elements for chemical, biochemical and biological activities of soil. Should the amount of this element decrease, growing process regresses; chlorophyll synthesis

decreases; necrotic stains occur; putrefaction begins; the quality of the productivity and product diminishes. Calway protects the plant against all these adverse conditions. Nitric acid which exit in the compound of Calway has a high level of penetration power and it carries elements quickly and easily both from the root and the leaves.

APPLICATION METHODS AND DOSAGE:

Citrus Fruits: Apply once in the amount of 250 cc.-300cc./100lt during the period of blossoming, when the fruit reaches the magnitude of a chick -pea, after the June fall, fruit growing period.

Apple, Pear, Cherry, Apricot, Nectarine, Peach: Apply 3 - 4 times in the amount of 300cc. – 400cc./100lt as of the period of petal leaves fall until the fruit grows.

Vineyard: Apply 4-5 times in the amount of 250 cc./100lt as of the tie of fruit until the colour change period.

Tomatoes, Pepper, Aubergine, Cucumber and Pumpkin: Apply 2-3 times in the amount of 250cc.–300 cc./100 lt after the pollination process starting from the formation of the fruit.

Melon, Watermelon: Apply 2-3 times, 300cc./100lt. as of the period of blooming until the harvest.

Strawberry: Apply 2-3 times at intervals of 8-10 days in the amount of 250 cc. - 500 cc./100 after pollination.

Leafed vegetables: Apply 2-3 times in the amount of 250cc./100lt. as of the planting period until the harvest.

Miscibility: It could be mixed with all types of agricultural drugs and fertilizers apart from the ones which show reaction to copper, sulphur and alkaline. However, a premiscibility test in tiny amounts is advised to carry out before applying.

Package: 1 lt. , 5 lt. , 10 lt. , 20 lt.

CALWAY PLUS

w / w

Water Soluble Calcium Oxide	(CaO)	% 12
Water Soluble Magnesium Oxide	(MgO)	% 5
Water Soluble Molybdenum	(Mo)	% 0,005
pH		5 - 7
Density		1,35



CALWAY PLUS

Calway Plus, is specialized mixture, that includes; Calcium, Magnesium, Molybdenum and also, easily completely absorbed by plants. Calway Plus is a real and ideal Calcium Source for every phenological period, because, it does not include Nitrogen. By the help of it's special complex structure, the elements of Calway Plus, can be easily and completely absorbed by roots and leaves. When Calway Plus is absorbed by the plant, it has a serum effect, that can accelerate the flow of food and water in plants' connection systems. Because of this reason, the stresses like, temperature, water, feeding is minimized. Especially, lack of Calcium, plant production in hot periods, negative effect of direct temperature, or the stress of moisture and water causes; flower and fruit spillage, cluster, fruit colour reduction, plant wilting and cracks. Also directly, soil structure, irrigation, and high level EC stresses causes Calcium deficiency. In glass greenhouses, lack of moisture and imbalance causes, some plants like, eggplant, cucumber, tomato, effected fruit colour reduction, lack of irrigation causes Magnesium and Calcium flaw. Calway Plus resolves these flaw and symptoms. When Calway Plus plant is taken on it, both photosynthesis accelerates indirectly, causing the plant to physiologically relaxation. Calway Plus tunes the plants' Ph, makes a positive effect Nutrient formation and mobility. Calcium is the most important element for, chemical, biochemical and biological activities in soil. In case of lack of Calcium, plant growth reduced, chlorophyll

synthesis lowered, necrotic stains occurs, decays occurs, yield and product quality drops. Calway Plus prevents the plant to all these kind of immortality. The complex structure of Calway Plus, helps effective penetration for plants.

APPLICATION FORMS AND DOSAGES:

CITRUS: Only one application in the below periods, flower period, when fruit size becomes like chickpea, after fruit molding. 250cc-300cc/100 lt dosage.

APPLE, PEAR, CHERRY, APRICOT, NECTARINE, PEACH: 3-4 application, between the period of petal leaves spilling and fruit growth. 300cc - 400cc/100lt

GRAPE YARD: 4 - 5 application, after fruit connection, during up to the colour conversion. 250cc/100 lt

TOMATO, PEPPER, EGGPLANT, SQUASH, PEPPER: 2 - 3 application, after fertilization, fruit formation. 250cc-300cc/ 100 lt

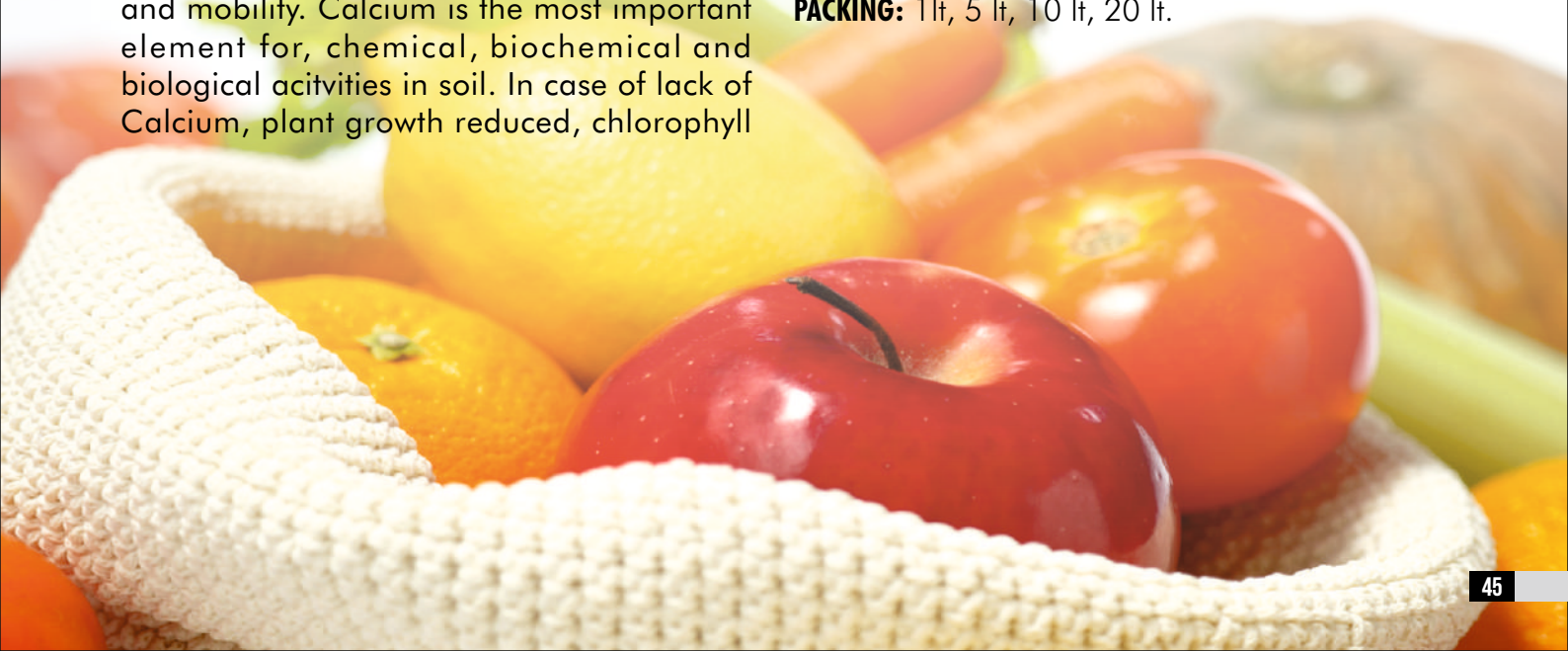
MELON, WATERMELON: 2 - 3 application from the flowering to the sore. 300cc/100 lt

STRAWBERRY: After fertilization, 2 - 3 application every 8 - 10 days. 250 cc-500 cc/ 100lt

LEAFY VEGETABLES: 2-3 application, after sowing, finally to harvest. 250 cc/100 lt

MISCIBILITY: Except for, Copper, Sulfur and alkaline reaction causing minerals, can be mixed with all Agri - Medicine (Pesticides). But it is advised that, before application, you can try pre mixing tests with small dosages.

PACKING: 1lt, 5 lt, 10 lt, 20 lt.



BORICALL

w / w

Water Soluble Calcium Oxide	(CaO)	% 8
Water Soluble Boron	(B)	% 2
pH		7 - 9
Density		1,30



BORICALL

With special complex of Boricall, it is formulation that includes Calcium and Boron elements together in same solution. The Calcium inside the Boricall, doesn't reacts and shows an antagonist effect with Boron, because Calcium inside is connected to a special element. With the acidic Ph of Boricall, that have special complex activators, makes an effective penetrations for plants.

Boricall, helps the resistive plant texture, comforts the plants from the stresses for environmental conditions. Increases the fertilization process, helping the pollens more effective. Also increases the fruit size, and sugar ratio.

APPLICATION FORMS AND DOSAGES:

FRUIT TREES: Before flower, after fertilization, and inside fruit growing period. 250-300 cc/100 lt Apply from Leaves

GARDEN PLANTS: Before flower, and inside fruit growth period, 150 - 200 cc/100lt Apply from Leaves

INDUSTRIAL PLANTS (SUGAR BEET): After 7th or 8th leaf, until covered up. 250cc-300cc/100lt Apply from Leaves

MISCIBILITY: Does not mix with, Copper, Sulphur and alkaline reaction causing minerals. Avoid from Multi-tank mixtures.

PACKING: 1lt, 5lt, 10 lt, 20 lt.



ZINWAY 10

Water Soluble Zinc	(Zn)	% 10
Density		1, 21
pH		2 - 4

MANWAY 10

Water Soluble Manganese	(Mn)	% 10
Density		1, 22
pH		2 - 4

ZINWAY 10 is a liquid product which contains high level of zinc and it is applied either through the leaves or dripping irrigation. It stands stable even in hard water. Its penetration through the leaves and roots of the plant is highly efficient and it easily penetrates through the system of the plant. ZINWAY 10 encourages amino acid production titled tryptophan which is necessary for indoleacetic acid synthesis. Zinway guarantees the balance between vegetative period and production period. Thus, it increases the productivity.

APPLICATION METHODS AND DOSAGE:

As an preventative substance, it is applied in the amount of 100 cc.-150 cc./100 lt through the leaves and 150 cc–200 cc/100 as a therapeutic element in the deficiency.

It is applied through dripping irrigation 2 or 3 times in the amount of 1-2lt/decare according to the position of the position of the soil and the plant.

Miscibility: It could be mixed with all types of agricultural drugs and fertilizers apart from the ones which show reaction to copper, sulphur and alkaline. However, a premiscibility test in tiny amounts is advised to carry out before applying.

Packages: 1 lt, 5lt, 10 lt, 20 lt.

MANWAY 10 is a liquid product which contains high level of manganese and it is applied either through the leaves or dripping irrigation. It is not tied with other elements either in water or soil, thus it is easily received by the plant. It functions as a catalyser in the synthesis of chlorophyll and vitamin C. Its penetration through the leaves and roots of the plant is very efficient and it easily penetrates through the system of the plant. Manway 10 prevents the adverse conditions that could be resulted from the manganese deficiency. It accelerates the sucrose formation in the plant.

APPLICATION METHODS AND DOSAGE:

As an preventative substance, it is applied in the amount of 100cc.-150cc./100 lt through the leaves and 150 cc–200 cc/100 as a therapeutic element in the deficiency. It is applied through dripping irrigation 2 or 3 times as 1-2lt /decare according to the position of the position of the soil and the plant.

Miscibility: It could be mixed with all types of agricultural drugs and fertilizers apart from the ones which show reaction to copper, sulphur and alkaline. However, a premiscibility test in tiny amounts is advised to carry out before applying.

Packages: 1 lt, 5lt, 10 lt, 20 lt.

BOROWAY, is a liquid fertilizer which contains a high level of boron in its formulation. It is mixed with boron ethanolamine. Thanks to this mixture (complex), the boron element is received in a more efficient way by the plant and by the leaves. This complex material also acts as a strong carrier. The blossoming and pollination processes are realised in a more efficient way with Boroway. The sucrose level of plants increases. When used against boron deficiency, it gives effective results in all types of plants.

APPLICATION METHODS AND DOSAGE:

Citrus, Olive and Fruit Trees: 100cc – 150cc /100lt before the harvest and after the blossoming period and also under conditions that boron deficiency exists.

Vineyards, Strawberry, All Vegetables: 100cc. – 150 cc/100lt before the blossoming period and also under conditions that boron deficiency exists.

Flowers and Ornamental Plants: 100cc–150cc /100 lt under conditions that boron deficiency exists.

Grains, Industrial Plants and Sugar Beet: It can be applied once or twice in the amount of 300cc /decare as of the 7-8 leafed periods until the planting lines are closed. It may also be applied at the same periods when boron deficiency exists by dripping irrigation in the amount of 300 – 500 cc.

Miscibility: It could be mixed with all types of agricultural drugs and fertilizers apart from the ones which show reaction to copper, sulphur and alkaline. However, a pre-miscibility test in tiny amounts is advised to carry out before applying.

Packages: 1 lt. , 5 lt. , 10 lt. , 20 lt.

BORWAY 17, is a boric acid based leaf fertilizer. It contains high level of purity and solvability. Thanks to the co-formulants it contains, it could be easily received from the soil. The blossoming and pollination processes are realised in a more efficient way with Boroway. The sucrose level of plants increases. When used against boron deficiency, it gives effective results in all types of plants.

APPLICATION METHODS AND DOSAGE:

Citrus, Olive and Fruit Trees: 100cc – 150cc/100lt before the harvest and after the blossoming period and also under conditions that boron deficiency exists.

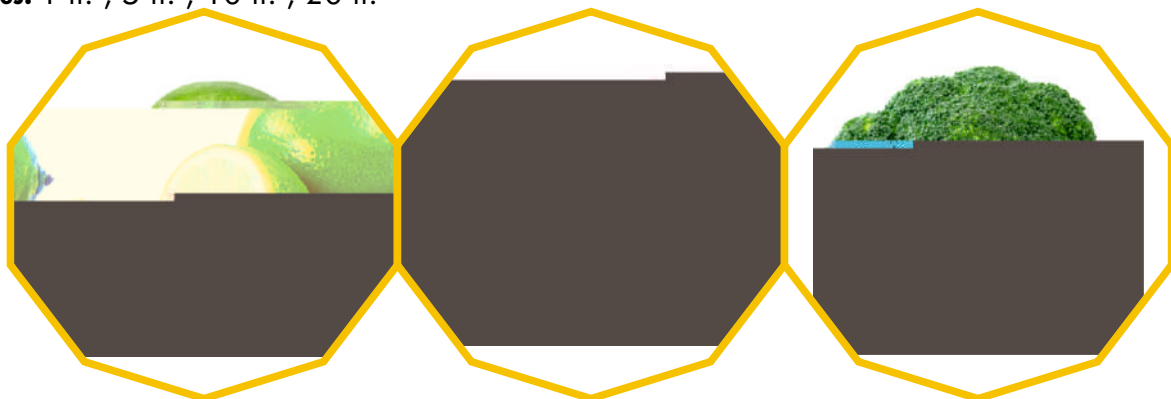
Vineyards, Strawberry, All Vegetables: 100 cc–150cc /100lt before the blossoming period and also under conditions that boron deficiency exists.

Flowers and Ornamental Plants: 100cc – 150cc/100 lt under conditions that boron deficiency exists.

Grains, Industrial Plants and Sugar Beet: It can be applied once or twice 300cc/decare as of the 7-8 leafed periods until the planting lines are closed. It may also be applied at the same periods when boron deficiency exists by dripping irrigation in the amount of 300-500cc.

Miscibility: It could be mixed with all types of agricultural drugs and fertilizers apart from the ones which show reaction to copper, sulphur and alkaline. However, a pre-miscibility test in tiny amounts is advised to carry out before applying.

Package: 1 kg. , 3 kg. , 5 kg. , 25 kg.



BOROMOL

APPLICATION METHODS AND DOSAGE:

Apple: It should be applied in the amount of 200 cc. before blossoming period. It is also applied in the amount of 200 cc -300 cc after the harvest before the aging period of the leaves.

Beans, Soy Beans and Peanuts: It is applied in the amount of 200cc – 300cc during the periods that the length of the plant reaches 5 -15cm. It should be repeated at intervals of 14 days if necessary.

Citrus Trees: It should be applied in the amount of 200 cc-300 cc in spring after the development of the 2nd and 3rd new leaves. It can be applied during the autumn as well.

Cotton: It should be applied in the amount of 100 cc – 200 cc when first flower sprouts are seen and in the 4-6 leafed periods.

Vineyards: It should be applied before blossoming period in the amount of 200cc - 300cc. It should be repeated in the fruit period if necessary.

Melon (field-grown): It should be applied at the beginning and the end of the blossoming period and in 4-leafed period in the amount of 200 cc. – 300 cc.

Olive Trees: It should be applied in the amount of 200cc.–300cc. in spring before the blossoming period.

Peas: It is applied in the amount of 200cc.- 300cc. during the periods that the length of the plant reaches 5-15 cm. It should be repeated at intervals of 14 days if necessary.

Strawberry (field - grown): It should be applied in the amount of 100cc. during the green sprouts and 10-14 day period after sprouts. It should be applied in the amount of 200cc. in the new development period after the harvest as well.

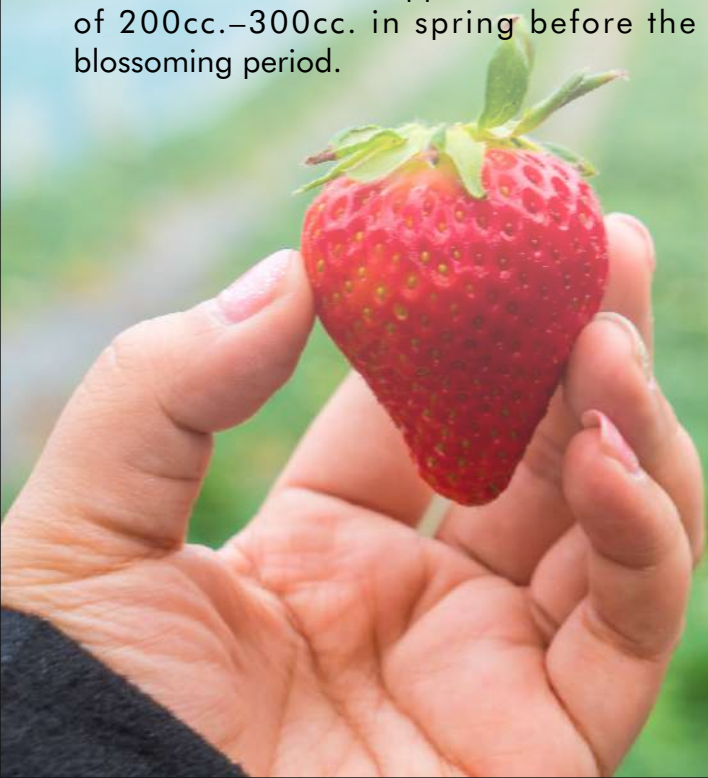
Sunflower: It should be applied in the amount of 200cc–300cc during the 2 - 8 pairs leafed period.

Tomatoes (field-grown): It should be applied 200 cc. -300cc. when the product reaches 15 cm (4 - 6 - leafed period). It should be repeated at intervals of 14 days if necessary.

Watermelon (field - grown): It should be applied at the beginning and the end of the blossoming period and in 4-leafed period in the amount of 200 cc. – 300 cc.

Miscibility: It could be mixed with all types of agricultural drugs and fertilizers apart from the ones which show reaction to copper, sulphur and alkaline. However, a pre-miscibility test in tiny amounts is advised to carry out before applying.

Packages: 1 lt. , 5 lt. , 10 lt. , 20 lt.



BOROLIVA

Total Nitrogen	(N)	% 14
Ammoniacal Nitrogen	(N)	% 2
Nitric Nitrogen	(N)	% 2
Ureic Nitrogen	(N)	% 10
Water Soluble Phosphorus Pentoxide	(P ₂ O ₅)	% 12
Water Soluble Potassium Oxide	(K ₂ O)	% 6
Water Soluble Boron	(B)	% 8
pH		4



ASIST 3 - 5 - 55 + TE

ASIST 3.5.55+TE is solvable %100. It is a qualified dust soil fertilizer. It is received easily and quickly through the leaves. It is used as a balanced, potassium weighted leaf fertilizer according to the various phenological periods of the plant.

APPLICATION METHODS AND DOSAGE:

It can be applied in the amount of 150gr-200 gr/100lt. through the leaves during the whole season taking the phenological periods of all types of plants.

Package: 1 kg. , 3 kg. , 5 kg. , 25 kg.

ASIST 20 - 20 - 20 + TE

ASIST 20.20.20+TE is solvable %100. It is a qualified dust soil fertilizer. It is easily and quickly received through the leaves. It is used as a balanced; nitrogen, phosphor and potassium weighted leaf fertilizer according to the various phenological periods of the plant into consideration.

APPLICATION METHODS AND DOSAGE:

It can be applied in the amount of 150gr-200 gr /100lt. through the leaves during the whole season taking the phenological periods of all types of plants into consideration.

Package: 1 kg. , 3 kg. , 5 kg. , 25 kg.

DRIPPING IRRIGATION FERTILIZER




MAXWAY LIQUID DRIPPING FERTILIZERS

GROWWAY WATER SOLUBLE NPK FERTILIZERS

MAXWAY LIQUID DRIPPING FERTILIZERS

	Nitrate	Nitrogen Ammonia	Urea	P ₂ O ₅	K ₂ O	Zn	MgO	CaO	pH	Density
Maxway N	8	8,5	13,5						5-6	1,29
Maxway N Green	8	7							1-2	1,22
Maxway N Yellow	2	9	4						6-7	1,27
Maxway P	3			40					1-2	1,35
Flora	3			30					1 - 2	1,30
Maxway K					25				6-7	1,44
Max K					30				11 - 12	1,50
Maxway 7-7-7	3	2	2	7	7				2-3	1,22
Maxway OMG							13		3-4	1,28
Maxway Cal								13	2-3	1,24
Maxway Optical	9	6					2	4	5-6	1,34
PRO CAL	9							17	2-3	1,44

MAXWAY LIQUID DRIPPING FERTILIZERS



The series of MAXWAY is liquid, acid featured fertilizers that we have developed for dripping irrigation method. It suits for all types of soil especially for the types of soil, ph and salinity levels of which are high. As the formulants that we developed are consistent with other NPKs and, the trace elements are calcium and manganese based, it can be applied during the whole season according to the phenological periods of the plant.

As it contains specific mixing and chelating substances; it solves the elements which are tied to soil and activates them. In this way it increases the productivity of the soil. The dosage of the Maxway to be applied in 15-20% is lower than the other NPK fertilizers. It provides excellent results as its ph level is highly low and it contains mixing and chelating substances.

It is easy to use. It is put into dipping irrigation system directly without dissolving in water. It is received in maximum level thanks to stable solution. It erases the problems stemming from the anomalies of bicarbonates and ph in water and soil. It does not leave residues in the laterals of the dripping water systems.

APPLICATION METHODS AND DOSAGE:

It is applied in the amount of 2,5–5 lt /decare until the harvest as of the planting and vegetative development period for all types of plants. The choice of the formulants should be made according to the phenological period and the requirement of the plant.

Packages: 5lt, 10lt, 20lt

GROWWAY WATER SOLUBLE NPK FERTILIZERS

	Total Nitrogen	Nitric Nitrogen	Ammoniacal Nitrogen	Ureic Nitrogen	Water Soluble Phosphorus Pentoxide	Water Soluble Potassium Oxide	Water Soluble Calcium Oxide	Water Soluble Magnesium Oxide	Water Soluble Sulphur Trioxide	TRACE ELEMENTS					
	N	N	N	N	P2O5	K2O	CaO	MgO	SO3	Water Soluble Boron	Water Soluble Virgin	Water Soluble Iron	Water Soluble Manganese	Water Soluble Molybdenum	Water Soluble Zinc
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
0-30-40 + TE	X	X	X	X	30	40	X	X	X	0,01	0,01	0,02	0,01	0,005	0,01
0-40-40 + TE	X	X	X	X	40	40	X	X	X	0,01	0,01	0,02	0,01	0,005	0,01
3-5-55 + TE	3	3	X	X	5	55	X	X	X	0,01	0,01	0,02	0,01	0,005	0,01
7-0-48 + TE	7	7	X	X	X	48	X	X	X	0,01	0,01	0,02	0,01	0,005	0,01
9-45-15 + TE	9	X	9	X	45	15	X	X	X	0,01	0,01	0,02	0,01	0,005	0,01
10-10-40+ TE	10	4,8	X	5,2	10	40	X	X	X	0,01	0,01	0,02	0,01	0,005	0,01
10-45-15 + TE	10	2,5	7,5	X	45	15	X	X	X	0,01	0,01	0,02	0,01	0,005	0,01
12-8-24 + 10CaO + TE	12	12	X	X	8	24	10	X	X	0,01	0,01	0,02	0,01	0,005	0,01
13-20-30 + TE	13	8,9	4,1	X	20	30	X	X	X	0,01	0,01	0,02	0,01	0,005	0,01
14-0-20 + 14 CaO + TE	14	14	X	X		20	14	X	X	0,01	0,01	0,02	0,01	0,005	0,01
14-0-22 + 13CaO + TE	14	14	X	X	X	22	13	X	X	0,01	0,01	0,02	0,01	0,005	0,01
14-0-28 + 10 CaO + TE	14	14	X	X	X	28	10	X	X	0,01	0,01	0,02	0,01	0,005	0,01
15-0-20 + 15CaO + TE	15	6	9	X	X	20	15	X	X	0,01	0,01	0,02	0,01	0,005	0,01
15-5-30 + 2MgO + TE	15	8,8	2,2	4	5	30	X	2	X	0,01	0,01	0,02	0,01	0,005	0,01
15-5-30 + TE	15	X	8,3	6,7	5	30	X	X	X	0,01	0,01	0,02	0,01	0,005	0,01
15-5-30 + 3MgO + TE	15	8,8	1,4	4,8	5	30	X	3	X	0,01	0,01	0,02	0,01	0,005	0,01
15-30-15 + TE	15	X	8,3	6,7	30	15	X	X	X	0,01	0,01	0,02	0,01	0,005	0,01
16-8-24+TE	16	X	8	8	8	24	X	X	X	0,01	0,01	0,02	0,01	0,005	0,01
16-8-24 + 2MgO + 10SO3 - TE	16	9,6	6,4	X	8	24	X	2	10	0,01	0,01	0,02	0,01	0,005	0,01
17-31-0 +8CaO + TE	17	4,8	2,6	9,6	31	X	8	X	X	0,01	0,01	0,02	0,01	0,005	0,01
18-6-18 + 2MgO + 16SO3 + TE	18	9	9	X	6	18	X	2	16	0,01	0,01	0,02	0,01	0,005	0,01
18-18-18 + TE	18	9,4	8,6	X	18	18	X	X	X	0,01	0,01	0,02	0,01	0,005	0,01
20-20-20 + TE	20	5,8	3,9	10,3	20	20	X	X	X	0,01	0,01	0,02	0,01	0,005	0,01
21-7-14 + 3MgO + TE	21	4,2	4,8	12	7	14	X	3	X	0,01	0,01	0,02	0,01	0,005	0,01
26-13-13 + TE	26	3,8	2,5	19,7	13	13	X	X	X	0,01	0,01	0,02	0,01	0,005	0,01

- + EXTREMELY PURE AND SOLUBLE
- + CANTAIN MAGNESIUM AND MICRONUTRIENTS
- + COMPREHENSIVE OF FORMULANTIONS WITH CALCIUM
- + ACID REACTION

ADVANTAGES AND NUTRITIONAL TARGETS

- Wide range of nutrient ratios to cover different requirements of plants, depending on species, varieties and of soil.
- Easy application : a single product can be used, with no need of preparing mixtures with various raw materials and many adjuvants, to achive the same results.
- High croğ standards both in quality and in yields.
- High solubility and low EC (electrical conductivity).

Growway water soluble NPK fertilizers by fertigation release nutrients directly in the solution circulating in the soil, they interact with the cationic and anionic exchange by enriching them. Soaked plant roots can promptly uptake the nutrients. In comparison, traditional granular mineral fertilizers can only integrate nutrients reserves in the soil and the nutrients will only be ready for uptake after the microbiological action of the micro organisms make them available to the plant. The action of Growway's "Fertilizers for fertigation" is quick, safe and effective and their formulations are distinguished by their excellent value for money.



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